



US Army Corps
of Engineers
Seattle District

Public Notice of Application for Permit

Regulatory Branch
Post Office Box 3755
Seattle, Washington 98124-3755
Telephone (206) 764-3495
ATTN: Olivia Romano, Project Manager

Public Notice Date: September 28, 2005
Expiration Date: October 28, 2005
Reference: 200500885
Name: Tacoma Power

Interested parties are hereby notified that an application has been received for a Department of the Army permit in accordance with Section 404 of the Clean Water Act for certain work described below and shown on the enclosed drawings.

APPLICANT: Tacoma Power
3628 South 35th Street
Tacoma, Washington 98409-3192
ATTN: Mr. Toby Brewer
Telephone: (253) 502-8530

LOCATION: In Cowlitz River, Lake Riffe, near Morton, in Lewis County, Washington

WORK: Construction of a two lane low water boat launch with low water turn around and boarding float. The work below the ordinary high water line (elevation 778.5 feet) consists of the excavation of 14,207 cubic yards of sediment, the placement of about 6,507 cubic yards of excavated material as fill for the launch, the placement of 400 cubic yards of poured in-place concrete, the installation of 90 feet of pre-cast concrete panels, the installation of a 138-foot long by 6-foot wide boarding float with 6 steel piles and a concrete ramp (29-feet long, 6-feet wide and 2-feet high), and the construction of two concrete launch lanes. Lane 1 of the boat launch will be 273-feet long and 12-feet wide and will be constructed using 183-feet of poured in-place concrete and 90-feet of pre-cast concrete. Lane 2 of the boat launch will be 192-feet long and 12-feet wide with a 40-foot long by 26-foot wide low water turn around and will be constructed using poured in place concrete. The boat launch will be a total of 30-feet wide including both lanes and boarding float. The remaining 7,700 cubic yards of excavated material will be placed in uplands above the ordinary high water mark.

Work outside the U.S. Army Corps of Engineers jurisdiction includes the construction of an access road, parking lots and an asphalt ramp connecting the parking lot to the proposed launch.

PURPOSE: To provide the public with low water boat access to Riffe Lake.

ADDITIONAL INFORMATION: The proposed project is part of the Settlement Agreement which is a condition of the Cowlitz River Hydroelectric Project's Operating License, issued by Federal Energy Regulatory Commission (FERC), on July 18, 2003. The Settlement Agreement resolves all issues associated with the issuance of a new license for the project regarding fish passage, fish production, fish habitat, water quality, in-stream flows, wildlife, recreation, and cultural and historic resources. The signatories to this Settlement Agreement includes: Tacoma Power, Washington Department of Wildlife and Fisheries, Washington Department of Ecology, Washington State Parks and Recreation Commission, U.S. Fish and Wildlife Service,

National Marine Fisheries Service, U.S. Forest Service, Interagency Committee for Outdoor Recreation, Lewis County, Confederated Tribes, and Bands of Yakama Nation, Washington Council of Trout Unlimited, and American Rivers.

ENDANGERED SPECIES: The Endangered Species Act (ESA) requires federal agencies to consult with the National Marine Fisheries Service (NMFS) and/or U.S. Fish and Wildlife Service (USFWS) pursuant to Section 7 of ESA on all actions that may affect a species listed (or proposed for listing) under the ESA as threatened or endangered or any designated critical habitat. The Lower Columbia River Chinook (*Oncorhynchus tshawytscha*), threatened; Lower Columbia River steelhead (*Oncorhynchus mykiss*), threatened; Columbia River chum (*Oncorhynchus keta*), threatened; Bald eagle (*Haliaeetus leucocephalus*) threatened; Marbled murrelet (*Brachyramphus marmoratus*), threatened; and Northern spotted owl (*Strix occidentalis*), threatened in the state of Washington, may occur in the proposed project area.

The Federal Energy Regulatory Commission (FERC), the lead agency for ESA consultation, has completed consultation with the NMFS and/or the USFWS as required under Section 7 of the ESA. NMFS issued a Biological Opinion in March 2004. USFWS concurred with FERC's determination by letter dated July 31, 2001.

ESSENTIAL FISH HABITAT: The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996, requires all Federal agencies to consult with the NMFS on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). The Federal Energy Regulatory Commission, as the lead agency for a determination regarding EFH, has completed consultation with the National Marine Fisheries Services. NMFS issued a Biological Opinion in March 2004, which covered EFH for the project. EFH consultation with NMFS has been completed.

CULTURAL RESOURCES: The Federal Energy Regulatory Commission (FERC), as the lead agency, or Tacoma Power, as delegated non-federal lead, for determining compliance with Section 106 of the National Historic Preservation Act (NHPA), will consult with the State Historic Preservation Office as appropriate. This public notice initiates consultation under Section 106 of the NHPA (36 CFR800.4[a][3]), with any Tribe that has information or concerns with historic properties in the proposed permit area.

PUBLIC HEARING: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

EVALUATION: The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people.

The U.S. Army Corps of Engineers is soliciting comments from the public; Native American Nations or tribal governments; Federal, State, and local agencies and officials; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for the work. To make this decision,

comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

The proposed discharge will be evaluated for compliance with guidelines promulgated by the Environmental Protection Agency under authority of Section 404(b)(1) of the Clean Water Act. These guidelines require an alternatives analysis for any proposed discharge of dredged or fill material into waters of the United States.

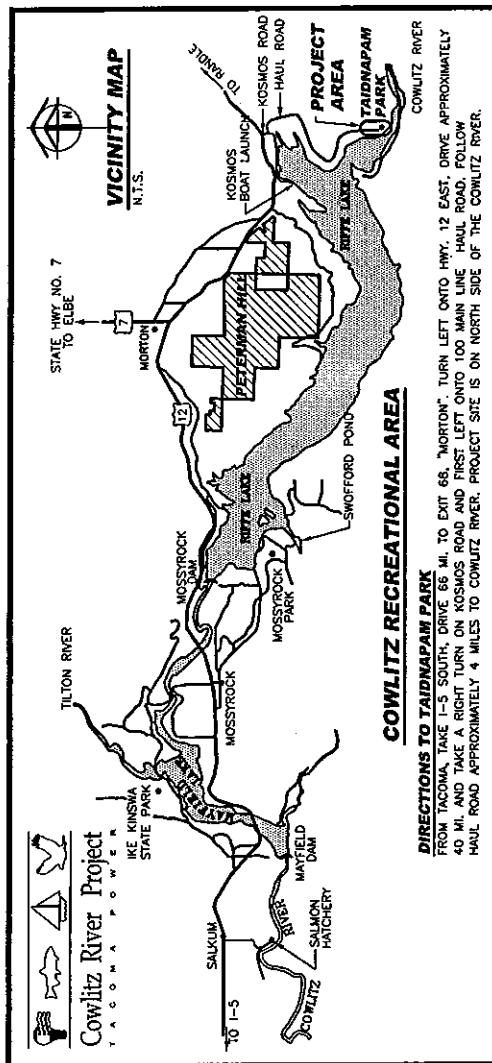
ADDITIONAL EVALUATION - The State of Washington is reviewing this work for compliance with the applicable State and Federal water quality standards pursuant to Section 401 of the Clean Water Act).

COMMENT AND REVIEW PERIOD: Conventional mail or e-mail comments on this public notice will be accepted and made part of the record and will be considered in determining whether it would be in the public interest to authorize this proposal. In order to be accepted, e-mail comments must originate from the author's e-mail account and must include on the subject line of the e-mail message the permit applicant's name and reference number as shown below. All e-mail comments should be sent to Olivia.H.Romano@usace.army.mil. Conventional mail comments should be sent to the U.S. Army Corps of Engineers, Regulatory Branch, Post Office Box 3755, Seattle, Washington, 98124-3755. Both conventional mail or e-mail comments must include the permit applicant's name and reference number, as shown below, and the commentor's name, address, and phone number. All comments whether conventional mail or e-mail must reach this office, no later than the expiration date of this public notice to ensure consideration. Please include the following name and reference number:

Tacoma Power, 200500885

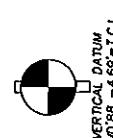
Encl
Drawings (6)

Taidnapam Park - Low Water Boat Launch



DIRECTIONS TO TAIDNAPAM PARK
From Tacoma, take I-5 south, drive 66 miles 40 mi., and take a right turn on Kosmos Haul Road, approximately 4 miles to Cowell Recreational Park.

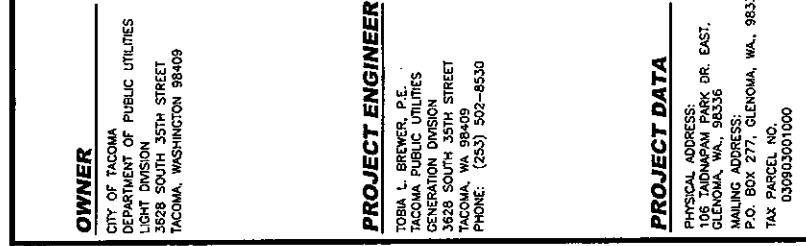
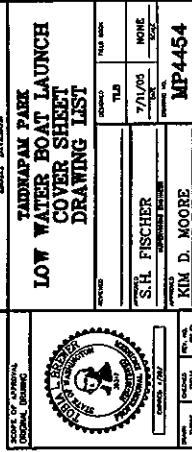
COWICHAN RECREATIONAL AREA



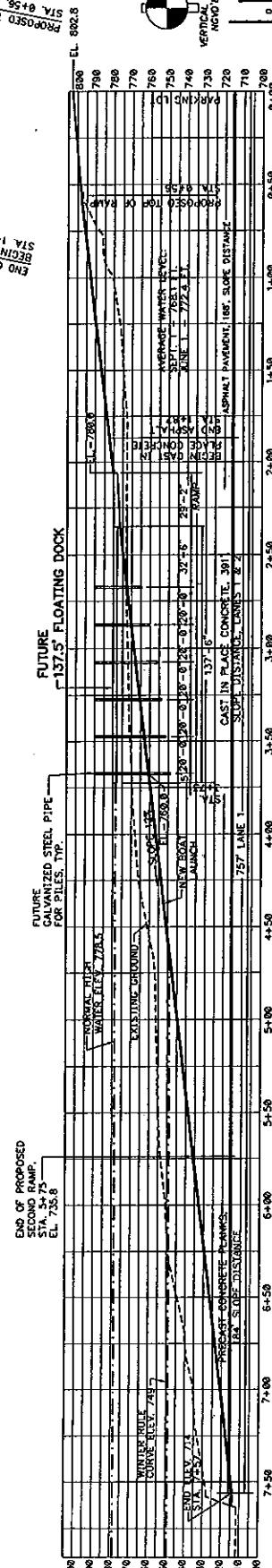
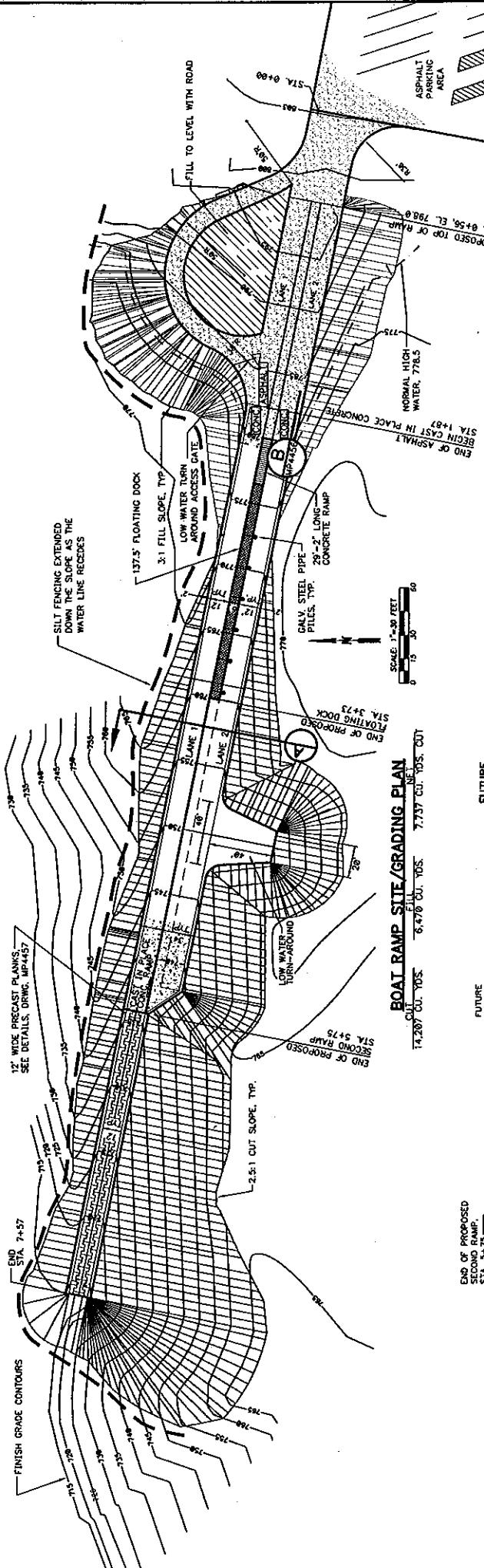
NOTES

- ALL WORK IN ACCORDANCE WITH ALL LOCAL,
STATE & FEDERAL REGULATIONS.
FINAL PERMITS
MAY REQUIRE MODIFICATION OF PROPOSED PLANS.**

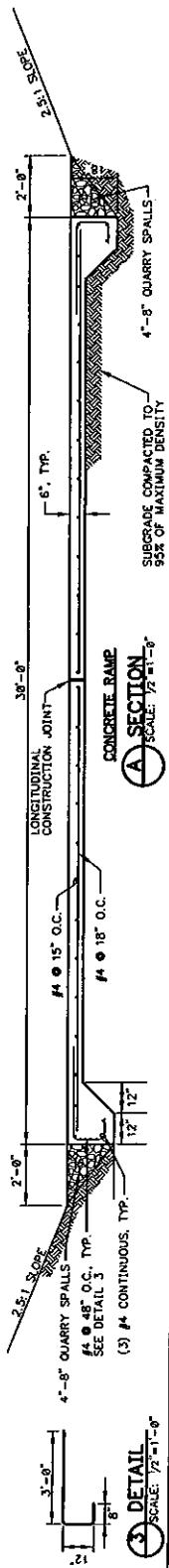
PROPOSED: LOW WATER BOAT LAUNCH, RIFFE LAKE, AT COWLITZ HYDRO.
PROJECT: TAIDNAPAM PARK, NEAR MORTON, IN LEWIS COUNTY, WA.
REFERENCE: 20050085
PURPOSE: TO PROVIDE YEAR ROUND RECREATIONAL ACCESS TO
RIFFE LAKE.



PROPOSED: LOW WATER BOAT LAUNCH, RIFFE LAKE, AT CONNLITZ HYDRO PROJECT, ALEXANDRA PARK, NEAR MORTON, IN LEWIS COUNTY, WA.
REFERENCE: 20050005
PURPOSE: TO PROVIDE YEAR ROUND RECREATIONAL ACCESS TO RIFFE LAKE.
APP. BY: DALENA POWER
SHEET 2 OF 6
DATE: 6/9/05



DEPARTMENT OF PUBLIC UTILITIES		TADDEMAN PARK	
LINE NUMBER		LOW WATER BOAT RAMP SITE AND GRADING PLAN	
OWNER	TLS	FILE NO.	W-121
S.H. FISCHER	7/1/70	AS SHOWN	
KIN D. MOORE		REVISION NO.	
		DATE	MP4455



PROPOSED: LOW WATER BOAT LAUNCH RIFFE LAKE, AT COWLITZ HYDRO PROJECT, TAIDNAPAM PARK, NEAR MORTON, IN LEWIS COUNTY, WA.
REFERENCE: 20050085
PURPOSE: TO PROVIDE YEAR ROUND RECREATIONAL ACCESS TO RIFFE LAKE.
APP. BY: TACOMA POWER
SHEET 2 OF 6 **DATE:** 8/9/05

NOTES

GENERAL

- STRUCTURAL DESIGN ASSUMES ALL TOPSOIL, DEBRIS, AND LOOSE SURFACE SOIL SHALL BE REMOVED FROM BEHIND FILL SUPPORTING STRUCTURES.
- ALL SECTIONS, DETAILS, AND NOTES SHOWN ON DRAWINGS ARE INTENDED TO BE PICAL, AND SHALL APPLY TO SIMILAR SITUATIONS ELSEWHERE UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO INSTALLING ALL SYSTEMS. ALL DISCREPENCIES IDENTIFIED SHALL BE SUBMITTED TO THE ENGINEER.
- CONCRETE AND REINFORCING NOTES
 - ALL CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI. WITH SLUMP = 4" ± 1".
 - ALL REINFORCING BARS SHALL BE DEFORMED BILLET BARS CONFORMING TO ASTM C290. SHALL BE DEFORMED BILLET BARS CONFORMING TO ASTM A-615, GRADE 60, AND FREE FROM DIRT AND SCALE AT TIME OF PLACEMENT.
 - AN AIR ENTRAINING AGENT CONFORMING TO ASTM C290 SHALL BE ADDED TO ALL CONCRETE. THE AMOUNT OF ENTRAINED AIR SHALL BE 6% ± 1% BY VOLUME.
 - ALL DETAILING, FABRICATION, AND PLACING OF REINFORCING BARS SHALL BE IN ACCORDANCE WITH THE MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES, ACI-315, LATEST EDITION, AND WITH THE BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, ACT 318, LATEST EDITION.
 - CALCIUM CHLORIDE (CaCl₂) OR OTHER WATER - SOLUBLE CHLORIDE ADJUTTIVES SHALL NOT BE USED.
 - DEVELOPMENT LENGTHS AND LAP SPLICES FOR REINFORCING STEEL SHALL BE AS SHOWN IN THE SCHEDULE. MECHANICAL OR WELDED BUTT SPLICES SHALL NOT BE USED.
 - DEVELOPMENT (L_d) AND LAP SPLICE LENGTH (L_s) SCHEDULE FOR CONCRETE:

BAR SIZE	DEVELOPMENT L _d (INCHES)	LAP SPLICE L _s (INCHES)
3	15	2
4	19	2
5	24	3
6	29	3.5

- UNLESS OTHERWISE NOTED, REINFORCING STEEL SHALL HAVE PROTECTION AS FOLLOWS:

- USE CONCRETE CAST AGAINST EARTH CONCRETE EXPOSED TO WEATHER OR WATER COVER
- TOLERANCES FOR PLACING REINFORCEMENT SHALL BE $\frac{1}{2}$ " INCH FOR MEMBERS WITH THICKNESS < 8 INCHES $\frac{3}{4}$ " INCH FOR MEMBERS WITH THICKNESS > 8 INCHES
- FINISH SURFACE BY TEXTURING WITH A COMB PRODUCING STRAIGHTS APPROXIMATELY $\frac{1}{4}$ INCH DEEP AND SPACED $\frac{1}{2}$ INCH APART PERPENDICULAR TO THE CENTRELINE.

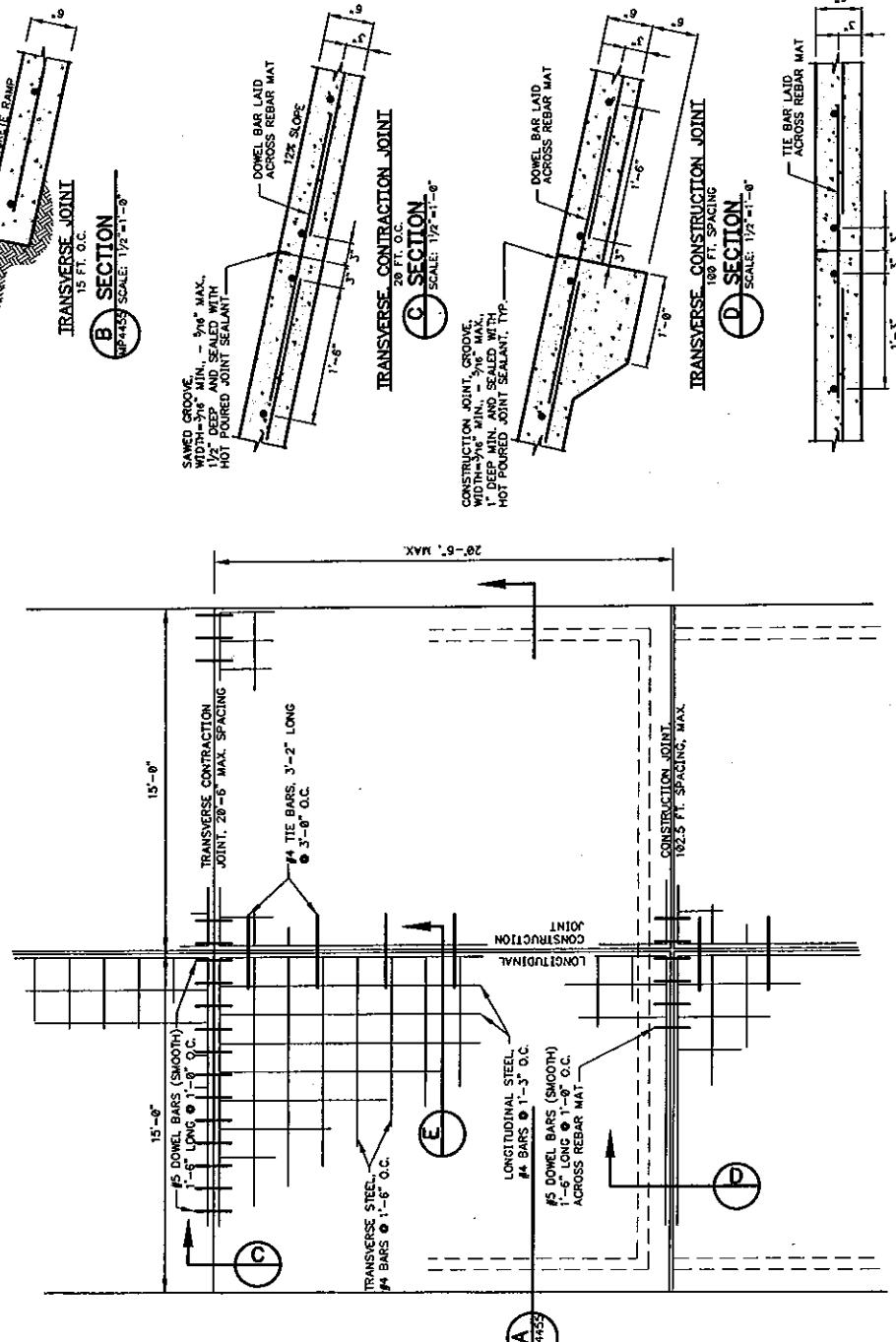
PROPOSED: LOW WATER BOAT LAUNCH, RIFFE LAKE, AT COWCUT HYDRO.
PROJECT: TAIDNAPAN PARK, NEAR MORTON, IN LEWIS COUNTY, WA.
REFERENCE: 20050085
PURPOSE: TO PROVIDE YEAR ROUND RECREATIONAL ACCESS TO
RIFFE LAKE.
APP. BY: TACOMA POWER
SHEET 3 OF 6 DATE: 8/9/05
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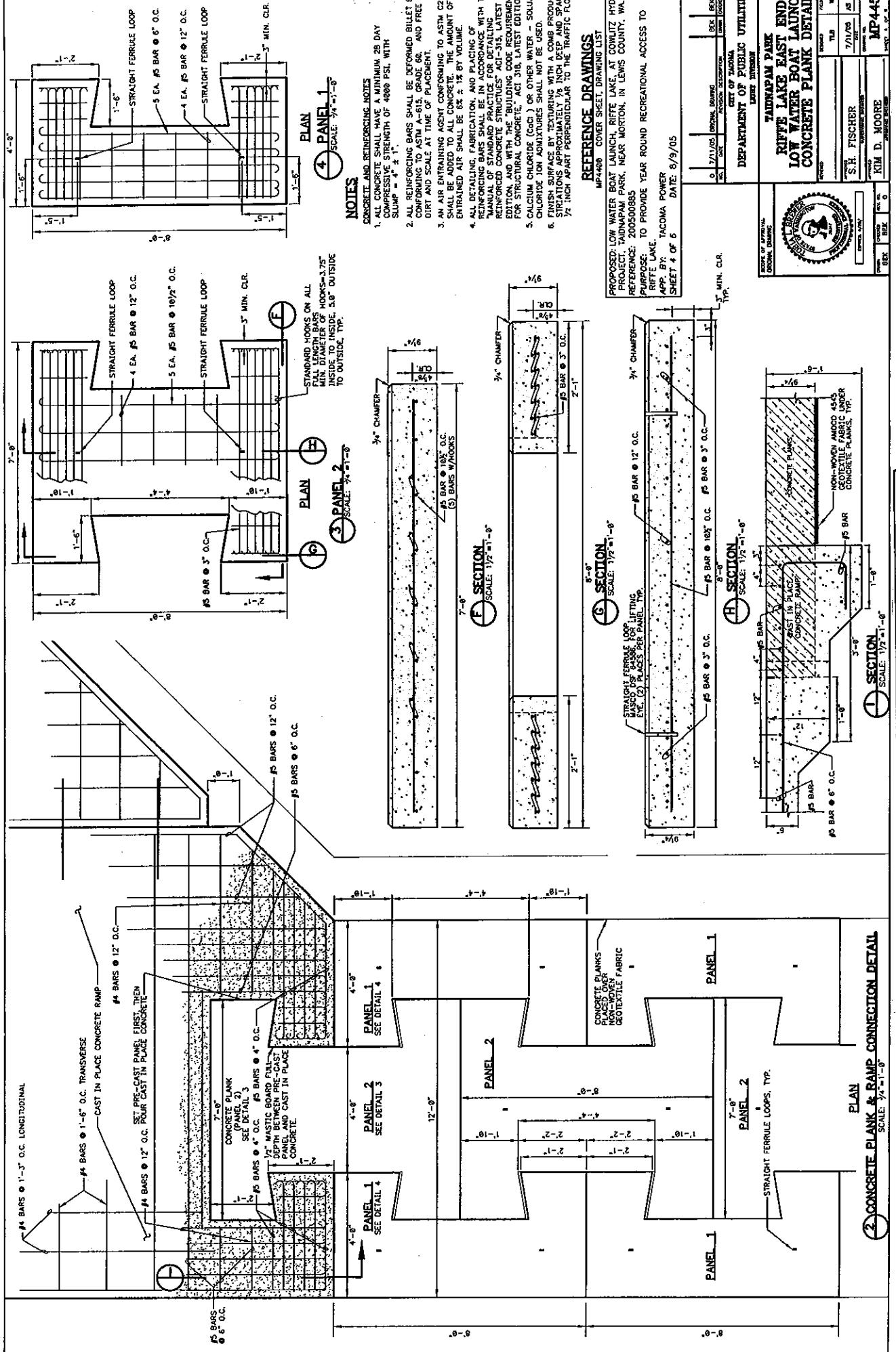
NO.	7/11/05	DRAWING NUMBER	BEK	T.B.
DATE		DESIGN DESCRIPTION		
CITY OF TACOMA				
DEPARTMENT OF PUBLIC UTILITIES				
TAIDNAPAN PARK				
RIFFE LAKE EAST END				
LOW WATER BOAT LAUNCH				
CONCRETE RAMP DETAILS				
REVISION	1.0	REV. NO.	1	REV. DATE
INITIAL DRAWING		PREPARED	S.H. FISCHER	7/11/05
DESIGNER		REVIEWED	KIM D. MOORE	8/9/05
APPROVED		APPROVAL DATE		
APPROVAL SIGNATURE				

REFERENCE DRAWINGS

MF4400 COVER SHEET, DRAWING LIST

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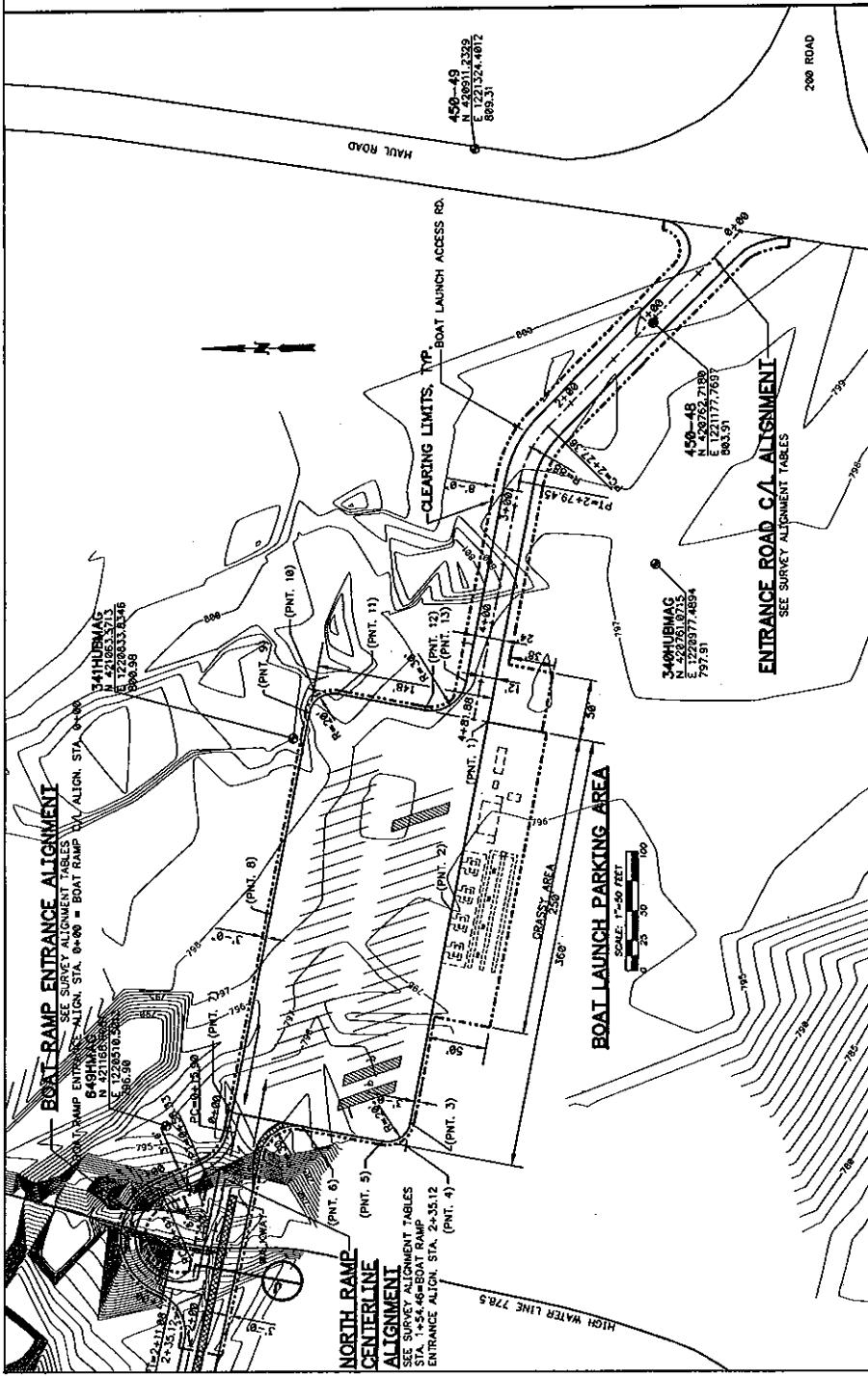




PROPOSED: LOW WATER BOAT LAUNCH RIFFE LAKE, AT COWLIZ HYDRO PROJECT, TAIDNAPAM PARK, NEAR MORTON, IN LEWIS COUNTY, WA.
REFERENCE: 200500885
PURPOSE: TO PROVIDE YEAR ROUND RECREATIONAL ACCESS TO RIFFE LAKE.

SURVEY ALIGNMENT TABLES

PARKING LOT SURVEY CONTROL					
DESCRIPTION	NORTHING	EASTING	EXISTING	FINISH	
SURVEY CONT. PT. 450-48	N420762.7680	E 1221177.7697	863.91		
SURVEY CONT. PT. 450-49	N421165.6051	E 1220510.5013	796.98		
SURVEY CONT. PT. 541HUBMAG	N421055.5713	E 1220853.8346	800.98		
SURVEY CONT. PT. 649HMAC	N421165.6051	E 1220510.5013	796.98		
SURVEY CONT. PT. 340HUBMAG	N 420761.9715	E 1220977.4894	797.91		
PT. 1 - EDGE PAVEMENT	N 420981.446	E 1220846.3471			
PT. 2 - EDGE PAVEMENT	N 420981.4855	E 1220852.2562			
PT. 3 - EDGE PAVEMENT	N 420985.6898	E 1220512.1537			
PT. 4 - REFERENCE POINT	N 420989.4992	E 1220492.2591			
PT. 5 - EDGE PAVEMENT	N 420989.6487	E 1220495.8717			
PT. 6 - EDGE PAVEMENT	N 421056.8334	E 1220569.9408			
PT. 7 - EDGE PAVEMENT	N 421114.6234	E 1220532.4913			
PT. 8 - EDGE PAVEMENT	N 421032.6174	E 1220687.1949			
PT. 9 - EDGE PAVEMENT	N 421036.2619	E 1220854.7734			
PT. 10 - REFERENCE POINT	N 421046.4732	E 1220874.151			
PT. 11 - EDGE PAVEMENT	N 421056.8221	E 1220687.0198			
PT. 12 - EDGE PAVEMENT	N 420993.1648	E 1220856.957			
PT. 13 - EDGE PAVEMENT	N 420919.0302	E 1220886.3539			



BOAT RAMP ENTRANCE CENTERLINE ALIGNMENT

START PI	ELEVATION	END PI	ELEVATION	LENGTH	COURSE	DESCRIPTOR
PI 0+00 N421165.6051 E1220510.5013	778.50	PI 0+48 N421056.8334 E1220853.8346	780.00	48.00	N 23°-21'-53" W	BOAT RAMP C/L ALIGN.
PI 0+48 N421056.8334 E1220853.8346	780.00	PI 0+58.33 N 421137.5641 E 1220847.9194	780.00	10.33	N 23°-21'-53" W	BOAT RAMP C/L ALIGN.

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PI 0+58.33 N 421137.5641 E 1220847.9194	780.00	PI 0+67.16 N 421117.5452 E 12208457.4611	780.00	8.83	N 23°-21'-53" W	BOAT RAMP C/L ALIGN.
PI 0+67.16 N 421117.5452 E 12208457.4611	780.00	PI 2+35.12 N 421135.2274 E 12208387.9857	784.00	197.96	N 21°-22'-48" W	BOAT RAMP C/L ALIGN.

ENTRANCE ROAD CENTERLINE ALIGNMENT

START PI	ELEVATION	END PI	ELEVATION	LENGTH	COURSE	DESCRIPTOR
PI 0+00 N 421114.6234 E 1220532.4913	778.50	PI 0+48 N 421056.8334 E 1220853.8346	780.00	48.00	N 23°-21'-53" W	ENTRANCE ROAD C/L ALIGN.
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NORTH RAMP CENTERLINE ALIGNMENT

START PI	ELEVATION	END PI	ELEVATION	LENGTH	COURSE	DESCRIPTOR
PI 0+00 N 421114.6234 E 1220532.4913	778.50	PI 0+48 N 421056.8334 E 1220853.8346	780.00	48.00	N 23°-21'-53" W	NORTH RAMP C/L ALIGN.
PI 0+48 N 421056.8334 E 1220853.8346	780.00	PI 0+58.33 N 421137.5641 E 1220847.9194	780.00	10.33	N 23°-21'-53" W	NORTH RAMP C/L ALIGN.
PI 0+58.33 N 421137.5641 E 1220847.9194	780.00	PI 0+67.16 N 421117.5452 E 12208457.4611	780.00	8.83	N 23°-21'-53" W	NORTH RAMP C/L ALIGN.
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BOAT LAUNCH ACCESS RD.

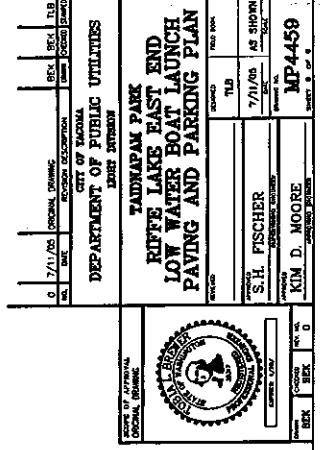
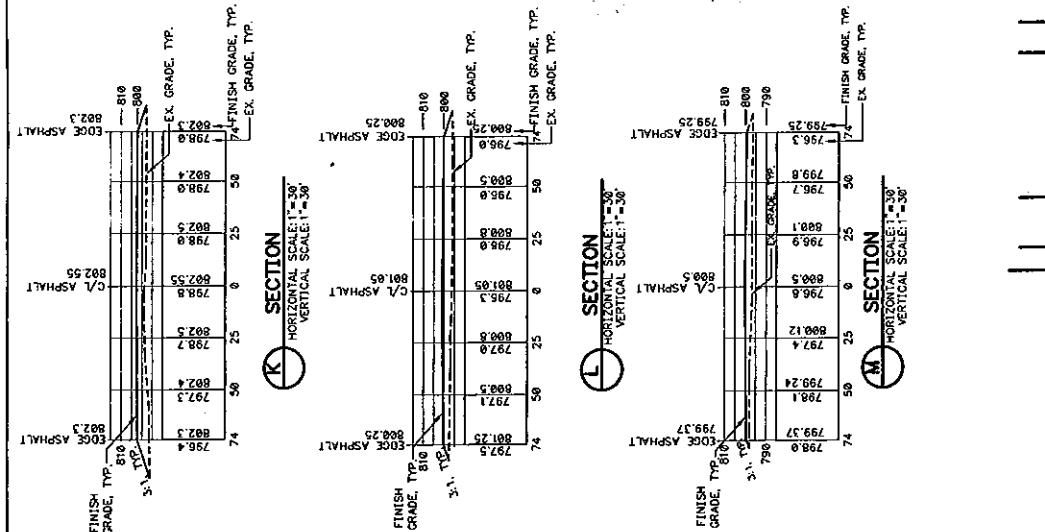
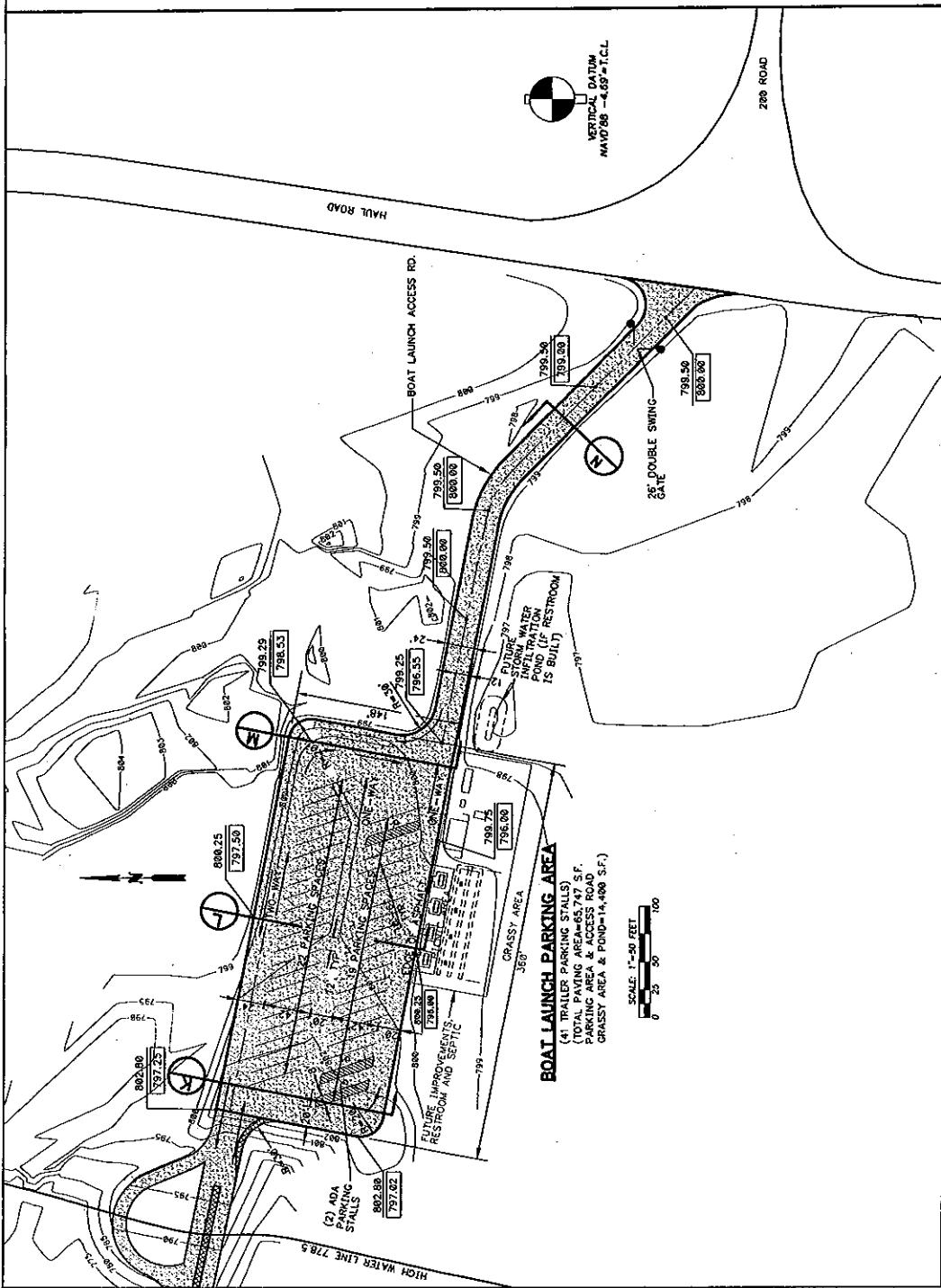
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DESCRIPTION	NORTHING	EASTING	EXISTING	FINISH	
PT. 1 - EDGE PAVEMENT	N 420981.446	E 1220846.3471			
PT. 2 - EDGE PAVEMENT	N 420981.4855	E 1220852.2562			
PT. 3 - EDGE PAVEMENT	N 420985.6898	E 1220512.1537			
PT. 4 - REFERENCE POINT	N 420989.4992	E 1220492.2591			
PT. 5 - EDGE PAVEMENT	N 420989.6487	E 1220495.8717			
PT. 6 - EDGE PAVEMENT	N 421056.8334	E 1220569.9408			
PT. 7 - EDGE PAVEMENT	N 421114.6234	E 1220532.4913			
PT. 8 - EDGE PAVEMENT	N 421032.6174	E 1220687.1949			
PT. 9 - EDGE PAVEMENT	N 421036.2619	E 1220854.7734			
PT. 10 - REFERENCE POINT	N 421046.4732	E 1220874.151			
PT. 11 - EDGE PAVEMENT	N 421056.8221	E 1220687.0198			
PT. 12 - EDGE PAVEMENT	N 420993.1648	E 1220856.957			
PT. 13 - EDGE PAVEMENT	N 420919.0302	E 1220886.3539			

BOAT LAUNCH ACCESS RD.

DESCRIPTION	NORTHING	EASTING	EXISTING	FINISH	
PT. 1 - EDGE PAVEMENT	N 420981.446	E 1220846.			



PROPOSED: LOW WAVE BOAT LAUNCH, RIFFE LANE, AT CONNUZ, HYDRO. PROJECT: TUDWELL BANKE PARK, NEAR MORTON, IN LINNS COUNTY, WA.
REFERENCE: 20350085
PURPOSE: TO PROVIDE YEAR ROUND RECREATIONAL ACCESS TO
RIFFE LANE.
APR. 8/7: TACOMA POWER
SHEET 6 OF 6 DATE: 8/9/05

PROPOSED: LOW WATER BOAT LAUNCH, RIFFE LAKE, AT COWLITZ HYDRO PROJECT, TAIDNAPAM PARK, NEAR MORTON, IN LEWIS COUNTY, WA.
REFERENCE: 200500885
PURPOSE: TO PROVIDE YEAR ROUND RECREATIONAL ACCESS TO RIFFE LAKE.



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

P.O. Box 47600 • Olympia, Washington 98504-7600
(360) 407-6000 • TDD Only (Hearing Impaired) (360) 407-6006

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

Notice of Application for
Water Quality Certification

Date: September 28, 2005

Notice is hereby given that a request has been filed with the Department of Ecology, pursuant to the requirements of Section 401 of the federal Clean Water Act of 1977 (PL 95-217), to certify that the project described in the U.S. Army Corps of Engineers Public Notice No. 200500885 will comply with the Sections 301, 302, 303, 306, and 307 of the Act, and with applicable provisions of State and Federal water pollution control laws.

Any person desiring to present views on the project pertaining to compliance with water pollution control laws may do so by providing written comments within 30 days of the above publication date to:

Federal Permit Coordinator
Department of Ecology
SEA Program
Post Office Box 47600
Olympia, Washington 98504-7600